

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Collins et al.

Docket No.: 20206-126 (PT-TA410-4)

Reexamination Control No.: 90/005,733

Examiner: Seals, J.

Ordered: May 18, 2000

Group Art Unit: 2131

Patent No: 5,848,159

Issue Date: December 8, 1998

Title: "Public Key Cryptographic Apparatus and Method"

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OCT 21 2002

Technology Center 2100

LETTER TO THE OFFICIAL DRAFTSMAN

Box REEXAM
ATTN: Official Draftsman
Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

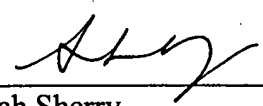
Subject to the approval of the Examiner, please substitute the enclosed 2 sheets of formal drawings for the informal drawings originally filed with the application.

Date: Sept. 10, 2002

Respectfully submitted,

OPPENHEIMER WOLFF & DONNELLY LLP
Customer No. 25696
P.O. Box 10356
Palo Alto, CA 94303
Tel.: (650) 320-4000
Fax: (650) 320-4100

By

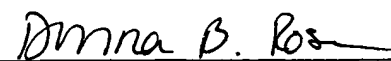

Leah Sherry
Reg. No. 43,918

CERTIFICATE OF MAILING (37 CFR 1.8(a))

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Box Reexam, Commissioner for Patents, Washington, D.C. 20231.

Date: Sept. 10, 2002

By:


Donna B. Rose

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Collins et al.

Docket No: 20206-127 (PT-TA410-5)

Reexamination Control No.: 90/005,776

Examiner: Seals, J.

Ordered: July 28, 2000

Group Art Unit: 2131

Patent No: 5,848,159

Issue Date: December 8, 1998

For: **PUBLIC KEY CRYPTOGRAPHIC APPARATUS AND METHOD**

BOX REEXAM


Commissioner for Patents

Washington, D.C. 20231

TRANSMITTAL

- ☒ Transmitted herewith is the following document:
- ☒ Amendment with Exhibits A, B, C and D;
 - ☒ Information Disclosure Statement;
 - ☒ Form PTO-1449 with 3 cited references;
 - ☒ Letter to Official Draftsman;
 - ☒ Formal Drawings (2 sheets);
 - ☒ Postcard for date-stamped return as confirmation of receipt of these materials.
- ☒ The Commissioner is authorized to charge any required fees, or credit any overpayment to Deposit Account No. 02-3964.

Date: Sept. 10, 2002


Leah Sherry
Reg. No. 43,918

OPPENHEIMER WOLFF & DONNELLY LLP

CUSTOMER NUMBER 25696

1400 Page Mill Road

Palo Alto, CA 94304-1124

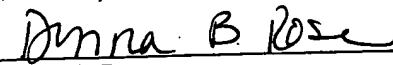
Tel.: (650) 320.4000

Fax: (650) 320.4100

CERTIFICATE OF MAILING (37 CFR 1.10(a))

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Date: Sept. 11, 2002

By: 
Donna B. Rose

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Collins et al.

Docket No.: 20206-127 (PT-TA410-5)

Reexamination Control No.: 90/005,776

Examiner: Seals, J.

Ordered: July 28, 2000

Group Art Unit: 2131

Patent No: 5,848,159

Issue Date: December 8, 1998

Title: "Public Key Cryptographic Apparatus and Method"

LETTER TO THE OFFICIAL DRAFTSMAN

Box REEXAM
ATTN: Official Draftsman
Commissioner for Patents
Washington, D.C. 20231

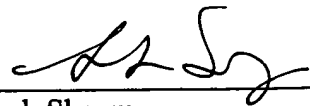
Dear Sir:

Subject to the approval of the Examiner, please substitute the enclosed 2 sheets of formal drawings for the informal drawings originally filed with the application.

Date: Sept. 10, 2002

Respectfully submitted,

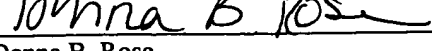
OPPENHEIMER WOLFF & DONNELLY LLP
Customer No. 25696
P.O. Box 10356
Palo Alto, CA 94303
Tel.: (650) 320-4000
Fax: (650) 320-4100

By 
Leah Sherry
Reg. No. 43,918

CERTIFICATE OF MAILING (37 CFR 1.8(a))

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Date: Sept. 11, 2002

By: 
Donna B. Rose

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TC 2131
V. Trans:
CPK2, 2Y11

Applicants: Collins et al.

Docket No: 20206-126 (PT-TA410-4)

Re-Examination Control No.: 90/005,733

Related to:

Reissue App. No. 09/694,416 and

Re-Examination Control No. 90/005,776

Ordered: May 18, 2000

Examiner: Seals, J.

Patent No: 5,848,159

Group Art Unit: 2131 ✓

Issue Date: December 8, 1998

For: **PUBLIC KEY CRYPTOGRAPHIC
APPARATUS AND METHOD**

BOX RE-EXAM

Commissioner for Patents

Washington, D.C. 20231

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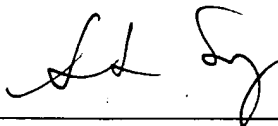
SECOND TRANSMITTAL

☒ **Transmitted herewith for the second time** are the following documents:

- ☒ Amendment with Exhibits A, B, C and D;
- ☒ Information Disclosure Statement;
- ☒ Form PTO-1449 with 3 cited references;
- ☒ Letter to Official Draftsman;
- ☒ Formal Drawings (2 sheets);
- ☒ Copy of return postcard included in the first transmittal of documents to the U.S. Patent Office; and
- ☒ Postcard for date-stamped return of this second transmittal as confirmation of receipt of these materials.

☒ The Commissioner is authorized to charge any required fees, or credit any overpayment to Deposit Account No. 02-3964.

Date: Oct. 15, 2002



Leah Sherry
Reg. No. 43,918

OPPENHEIMER WOLFF & DONNELLY LLP

CUSTOMER NUMBER 25696

P.O. Box 10356

Palo Alto, CA 94303

Tel.: (650) 320.4000

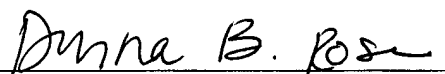
Fax: (650) 320.4100

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Technology Center 2100

CERTIFICATE OF MAILING (37 CFR 1.10(a))

I hereby certify that this paper (along with any papers referred to as being attached or enclosed) is being deposited with the U.S. Postal Service as Express Mail Post Office to Addressee, certificate no. EL 745 082 732 US, in an envelope addressed to: Box Re-Exam, Commissioner for Patents, Washington, D.C., 20231, Attn.: Examiner Vince Trans, on

Date: Oct. 15, 2002

By: 
Donna B. Rose

RECEIVED
OCT 21 2002
Technology Center 2100

THE STAMP OF THE U.S. PATENT AND TRADEMARK OFFICE HEREON ACKNOWLEDGES
RECEIPT OF THE FOLLOWING:

REEXAMINATION CONTROL NO.: 90/005,733 U.S. Patent No.: 5,848,159

Our Ref No.: 20206-126 (PT-TA410-4)

Applicants: Collins et al.

Date: May 18, 2000

For: "Public Key Cryptographic Apparatus and Method"

Enclosed: ☒ Transmittal;
☒ Amendment with Exhibits A, B, C and D;
☒ Information Disclosure Statement;
☒ Form PTO-1449 with 3 cited references;
☒ Letter to Official Draftsman;
☒ Formal Drawings (2 sheets); and
☒ Return Postcard.

Date: Sept. 10, 2002

Initials: LS/dbr *hjk*

DOCKETED

SV: 268517 v01 09/10/2002

**COPY SENT
TO CLIENT: 9/10/02**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. 20206-126
Client Reference No. PT-TA410US-4
Inventors: Collins et al.
Control No. 90/005,776
Patent No. 5,848,159
Issued: December 8, 1998
For: **PUBLIC KEY CRYPTOGRAPHIC
APPARATUS AND METHOD**

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as First Class Mail addressed to: Assistant Commissioner for Patents, Box: Reexam, Washington, DC, 20231 on 4/9, 2001

By: W. Evelyn Thomas

Assistant Commissioner for Patents
Box: Reexam
Washington, D.C. 20231

NOTICE REGARDING ATTORNEY DOCKET NUMBER

Sir:

The attorney docket number for this Reexamination was formerly entered as 20206.14 (PT-TA410). It has since been changed to docket number **20206-126 (PT-TA 410US-4)**. This change is instituted in response to the Decision to Merge the Reexamination and Reissue proceedings that requires the maintenance of three files as long as the proceedings remain merged (See: Section II Decision to Merge dated March 14, 2001).

Please use from now on the new docket number in reference to this matter.

Respectfully submitted,

Date: 4/7/, 2001



LEAH SHERRY
Reg. No. 43,918

OPPENHEIMER WOLFF & DONNELLY LLP
1400 Page Mill Road
Palo Alto, CA 94304
Telephone: (650) 320-4000
Facsimile: (650) 320-4100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Reissue Application No. 09/694,416

Inventors: Collins et al.

Patent No. 5,848,159

Issued: December 8, 1998

For: **PUBLIC KEY CRYPTOGRAPHIC
APPARATUS AND METHOD**

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as First Class Mail addressed to: Assistant Commissioner for Patents, Box: Reissue, Washington, DC, 20231 on 4/9, 2001

By: *W. Evelyn Moran*

Attorney Docket No. 20206-125 (PT-TA410)

Assistant Commissioner for Patents
Box: Reissue
Washington, D.C. 20231

COPY

TRANSMITTAL

FOR REISSUE APPLICATION 09/694,416 MERGED WITH REEXAMINATIONS 90/005,733 & 90/005,776

SIR:

Filed herewith are:

- ☒ A Notice Regarding Attorney Docket Number.
- ☒ An Information Disclosure Statement, PTO-Form 1449, and copies of (4) cited references.
- ☒ A return postcard acknowledging receipt of the documents enumerated herein.

- ☐ Applicant claims small entity status. See 37 CFR 1.27.
- ☐ Please charge Deposit Account No. 02-3964 in the amount of \$ _____.
- A duplicate copy of this sheet is enclosed for this purpose.
- ☒ The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 or 1.17 which may be required, or credit any overpayments to Deposit Account No. 02-3964.
- A duplicate copy of this sheet is enclosed for this purpose.
- ☐ A check in the amount of \$ _____, to cover the filing fee, is enclosed.

4/9/2001

Date

Oppenheimer Wolff & Donnelly, LLP
Customer No. 25696
1400 Page Mill Road,
Palo Alto, CA 94303
Tel: (650) 320-4000
Fax: (650) 320-4100

LSG

Leah Sherry, Registration No. 43,918
Attorney for Patentee

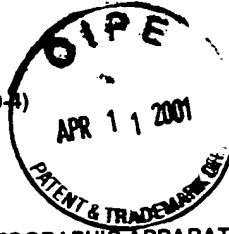
RECEIPT OF THE FOLLOWING:

Our Ref No.: 20206-126(PT-TA410-4)
Applicant(s)/Patentee(s): Collins et al.
Control No.: 09/005,733
Filed/Issued: December 8, 1998
For: PUBLIC KEY CRYPTOGRAPHIC APPARATUS AND METHOD
Enclosed:

- ☒ Housekeeping Amendment;
- ☒ Notice Regarding Attorney Docket Number;
- ☒ Information Disclosure Statement, PTO-Form 1449, and copies of (4) cited references;
- ☒ Check in the amount of \$1,824.00

Date: April 9, 2001

Initials: LS/drm



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Reexamination Control No. 90/005,733; and

Reexamination Control No. 90/005,776

Inventors: Collins et al.

Patent No. 5,848,159

Issued: December 8, 1998

For: **PUBLIC KEY CRYPTOGRAPHIC
APPARATUS AND METHOD**

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as First Class Mail addressed to: Assistant Commissioner for Patents, Box: Reexam, Washington, DC, 20231 on 4/9, 2001

By: *D. Evelyn Moran*

Attorney Docket No. 20206-126 (PT-TA410US-4)

Attorney Docket No. 20206-127 (PT-TA410US-5)

Assistant Commissioner for Patents
Box: Reexam
Washington, D.C. 20231

COPY

TRANSMITTAL FOR HOUSEKEEPING AMENDMENT
FOR REEXAMINATIONS MERGED WITH REISSUE APPLICATION 09/694,416

SIR:

Filed herewith are:

- ☒ A Housekeeping Amendment (as required by the 3/14/20001 Decision to Merge Reissue Application 09/694,416 with Reexaminations 90/005,733 and 90/005,776) along with clean versions of the specification and claims as amended (in Exhibits A & B, respectively).
- ☒ A Notice Regarding Attorney Docket Number.
- ☒ An Information Disclosure Statement, PTO-Form 1449, and copies of (4) cited references.
- ☒ A return postcard acknowledging receipt of the documents enumerated herein.

AMENDMENT FEE							
Claims as Filed in Reissue Application							
Claims in Patent		Number filed in Reissue Application	(3) Number Extra	Small Entity		Other than Small Entity	
				Rate	Fee	Rate	Fee
(A) 13	Total Claims (37 CFR 1.16(j))	(B) 61	= 48	x\$		x\$18.00	\$864.00
(C) 8	Independent Claims (37CFR 1.16(i))	(D) 20	= 12	x\$		x\$80.00	\$960.00
Basic Fee (37 CFR 1.16(h))							
Total Filing Fee						\$1,824	

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	REISSUE APPLICATION NO. 09/694,416 REEXAMINATION CONTROL NO. 90/005/733 REEXAMINATION CONTROL NO. 90/005/733 Orig. PATENT NO. 5,848,159	ATTY DOCKET NO.: 20206-125 (PT-TA410) 20206-126 (PT-TA410US-4) 20206-127 (PT-TA410US-5), respectively.
	INVENTORS COLLINS et al.	
	ISSUE DATE December 8, 1998	GROUP

U. S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JWS	AA	4,514,592	4/30/1985	Miyaguchi	178	22.11; 22.14	7/14/1982
JWS	AB	5,046,094	9/3/1991	Kawamura	380	46; 28	2/2/1990 ;
JWS	AC	5,343,527	8/30/1994	Moore	380	4; 25; 30	10/27/1993

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUBCLASS	TRANSLATION YES NO
	AD							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JWS	AE	P. J. Flinn et al. Using the RSA Algorithm for Encryption and Digital Signatures: Can you Encrypt, Decrypt, Sign and Verify without Infringing the RSA Patent?" July 9, 1997, Alston & Bird LLP, http://www.cyberlaw.com/rsa.html
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EXAMINER <i>James Seal</i>	DATE CONSIDERED 5 Dec 2001
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

RECEIPT OF THE FOLLOWING:

Our Ref No.: 20206-125(PT-TA410)
Applicant(s)/Patentee(s): Collins et al.
Control No.: 09/005,776
Filed/Issued: December 8, 1998
For: PUBLIC KEY CRYPTOGRAPHIC APPARATUS AND METHOD
Enclosed:

- ☒ Notice Regarding Attorney Docket Number;
- ☒ Information Disclosure Statement, PTO-Form 1449, and copies of (4) cited references;

Date: April 9, 2001
Initials: LS/drm



*Orig. amendment
& IDS are in
the file*

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OPPENHEIMER WOLFF & DONNELLY LLP
PALO ALTO, CALIFORNIA

APR 18 2001

DOC. # _____
CAL'D _____
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